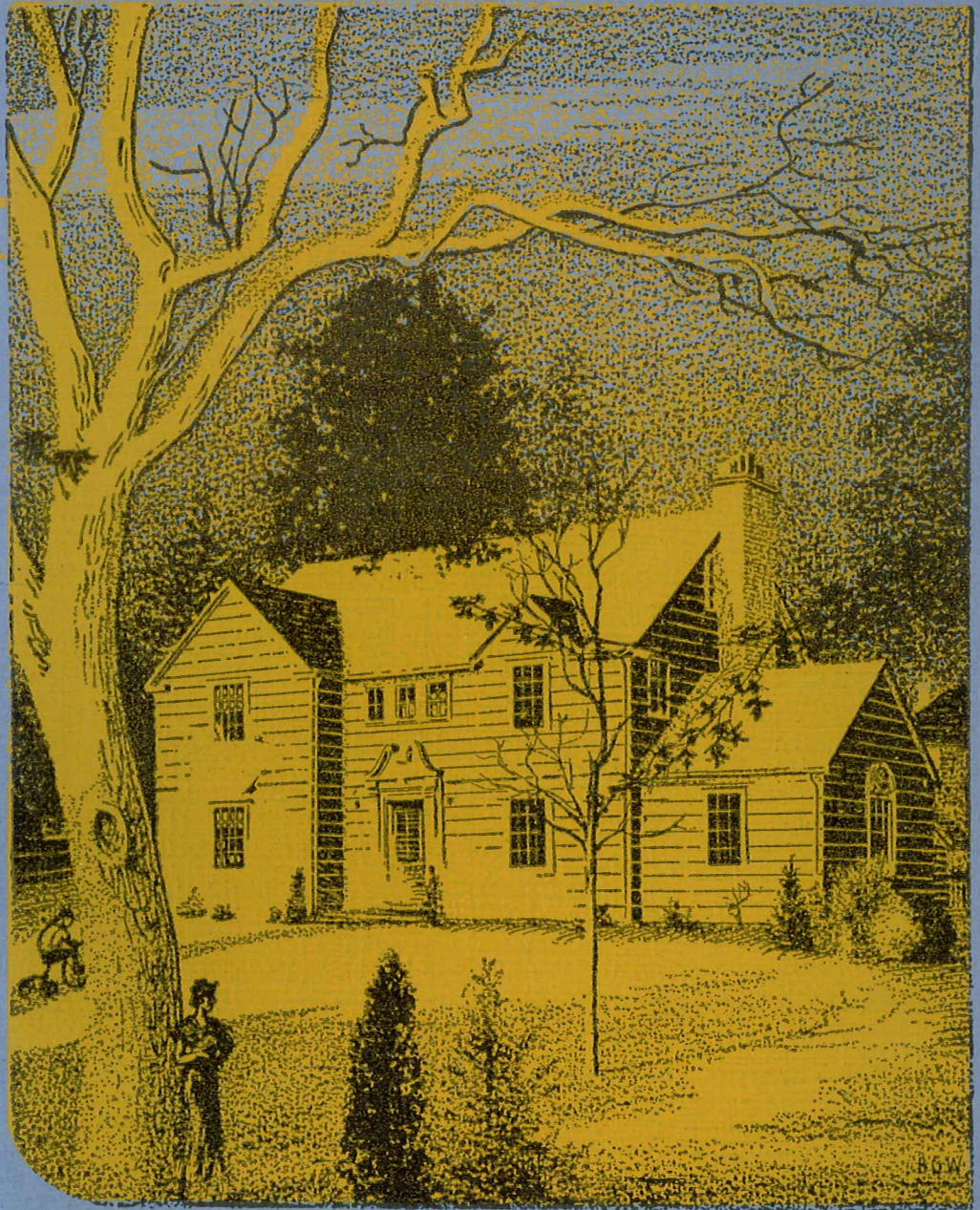


# TRUSCON PRODUCTS

*for the  
homebuilder*



*To make your home*

**PERMANENT • BEAUTIFUL • LIVEABLE**



# *A national organization To serve you*

## ENGINEERING AND SALES OFFICES

Albany N. Y., 75 State Street  
Albuquerque, N. M., 105 S. 4th Street  
Altoona, Pa., 6 Log Cabin Court  
Atlanta, Georgia, 610 Rhodes-Haverty Bldg.  
Baltimore, Md., 330 West 24th Street  
Birmingham, Ala., 1105 Martin Building  
Boston, Mass., 38 Chauncy Street  
Buffalo, N. Y., 402-404 Sidway Building  
Charleston, W. Va., 813 Beech Avenue  
Chattanooga, Tenn., 901-2-3 James Building  
Chicago, Ill., 201 North Wells Street  
Cincinnati, Ohio, 1026-28 Dixie Terminal Bldg.  
Cleveland, Ohio, 1505 Builders Exchange Bldg.  
Columbus, Ohio, 1000-04 Atlas Building  
Dallas, Texas, 415 Construction Building  
Dayton, Ohio, 925 Meredith Street  
Denver, Colo., 820 Twelfth Street  
Des Moines, Iowa, Hubbell Building  
Detroit, Michigan, 615 Wayne Street  
Fort Wayne, Ind., 302 Old First Bank Bldg.  
Greensboro, N. C., 701-702 Jefferson Std. Building  
Harrisburg, Pa., 600 North Second Street  
Houston, Texas, 731A M. & M. Building  
Indianapolis, Ind., 805 Union Title Building  
Jacksonville, Fla., Third & Clark Streets  
Kansas City, Mo., 1009 Baltimore Avenue  
Knoxville, Tenn., 605 Burwell Building  
Little Rock, Ark., 1413 Welch Street

Los Angeles, Calif., 5480 East Slauson Avenue  
Louisville, Ky., 622 South Fifth Street  
Memphis, Tenn., 586 Shrine Building  
Miami, Fla., 1333 N. Bayshore Drive  
Milwaukee, Wis., 6111-6115 Plankinton Building  
Minneapolis, Minn., 738 Baker Building  
Newark, N. J., 605 Broad Street  
New Haven, Conn., 42 Church Street  
New Orleans, La., 1143 Canal Bank Building  
New York City, N. Y., 155 E. 44th Street  
Norfolk, Va., 22nd and Manteo Streets  
Oklahoma City, Okla., 1 N. W. First Street  
Omaha, Nebr., 747 Insurance Building  
Peoria, Ill., 306 Lehmann Building  
Philadelphia, Pa., 906 Architects Building  
Phoenix, Arizona, 222 Luhrs Building  
Pittsburgh, Pa., 2544 Oliver Building  
Portland, Oregon, 2139 No. Kerby Avenue  
Richmond, Va., 736 Central National Bank Bldg.  
St. Louis, Mo., 1005-08 St. Louis Mart Building  
Salt Lake City, Utah, 1526 S. West Temple Street  
San Antonio, Texas, Builders Exchange Building  
San Francisco, Calif., 604 Mission Street  
Scranton, Pa., 203 Colfax Avenue  
Syracuse, N. Y., 642 Gurney Building  
Tampa, Fla., P. O. Box 1512  
Toledo, Ohio, 314 Commerce Guardian Bank Bldg.  
Washington, D. C., 700 Investment Bldg.

RAILROAD DEPARTMENT, YOUNGSTOWN, OHIO  
FOREIGN TRADE DIVISION, Chrysler Bldg., 405 Lexington Ave., NEW YORK CITY  
PRESSED STEEL DIVISION, CLEVELAND, OHIO  
TRUSCON STEEL COMPANY OF CANADA, Limited, WALKERVILLE, ONT.

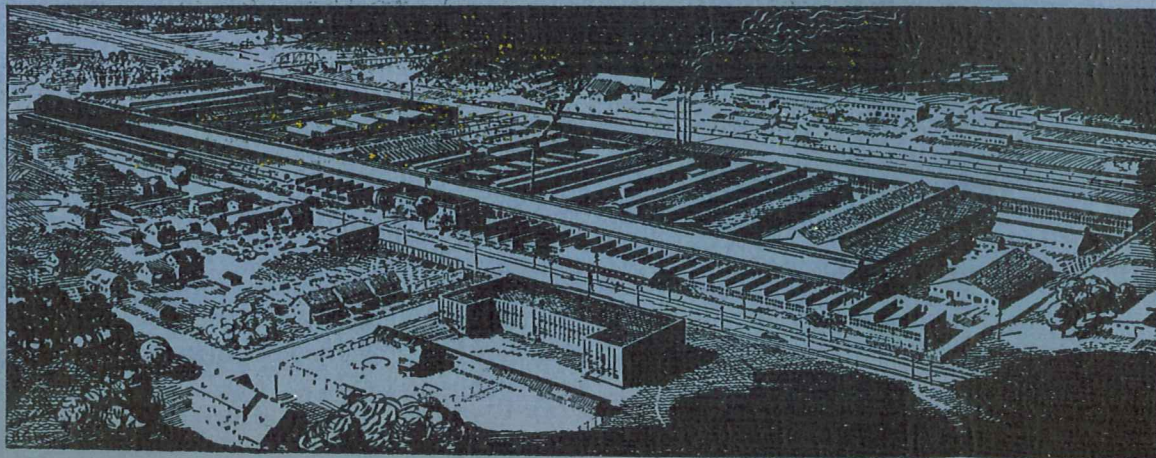
## WAREHOUSES

BIRMINGHAM, ALA.  
BOSTON, MASS.  
BUFFALO, N. Y.  
CHICAGO, ILL.  
CINCINNATI, OHIO  
CLEVELAND, OHIO  
DALLAS, TEXAS  
DETROIT, MICH.  
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INDIANAPOLIS, IND.  
JACKSONVILLE, FLA.  
KANSAS CITY, MO.  
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LOS ANGELES, CALIF.  
MIAMI, FLA.  
MILWAUKEE, WIS.  
NORFOLK, VA.  
OKLAHOMA CITY, OKLA.

OMAHA, NEBR.  
PHILADELPHIA, PA.  
PITTSBURGH, PA.  
PORTLAND, OREGON  
SAN FRANCISCO, CALIF.  
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WASHINGTON, D. C.  
YOUNGSTOWN, OHIO

## TRUSCON STEEL COMPANY YOUNGSTOWN, OHIO





# TRUSCON

*products for the homebuilder*

TO MAKE YOUR HOME MORE  
PERMANENT • BEAUTIFUL • LIVEABLE

## Contents

	Page
"Getting Ready To Live" . . . . .	2
You Get Out Of Your Home Whatever You Put Into It . . . . .	2
"Truscon"—A Name You Can Trust . . . . .	3
Planning Your Windows . . . . .	5
The Advantages of Truscon Casements . . . . .	6-7
Truscon Casements—Ideal for every room in the home . . . . .	8-9
Screens For Truscon Casements . . . . .	10
Hardware for Truscon Casements . . . . .	11
Truscon Casement Doors . . . . .	11
Settling the Plaster Base Question . . . . .	12-15
Truscon Steel Joist Floor Construction In The Home . . . . .	16-18
Truscon Utility Windows . . . . .	19
Truscon Basement Windows . . . . .	20
Truscon Formed Steel Lintels . . . . .	21
Truscon Service Doors and Coal Chutes . . . . .	21
Truscon Garage Doors . . . . .	22
Truscon Reinforcing for Concrete . . . . .	22
Truscon Silentaire Units . . . . .	23

**STEEL CASEMENTS • SCREENS • METAL  
LATH • GARAGE DOORS • STEEL JOISTS**

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*Getting*  
READY TO  
*Live*

MAKING SURE THAT

THE HOME WILL

PLAY A REAL PART IN



*Living*

A GREAT philosopher once said that in its truest interpretation, a home was a "factory for living". A factory in which we manufacture a fuller life. In which we mold the future of our children. A place in which, as the years roll by, we view the procession of our life's ambitions and within whose sheltering walls we receive at last our reward for the things we have devoted a lifetime to accomplish.

It may be of gleaming marble . . . of humble fieldstone, but of whatever construction, into it is built something of the character of those who occupy it. Its halls will ring with peals of childish laughter—they will echo the muffled tread of those who walk in sorrow. The longest days will merge into the shortest years for those who dwell within it—for it is home.

YOU GET OUT OF YOUR HOME  
WHATEVER YOU PUT INTO IT

Building a home today is a great and pleasurable adventure. *Great* because you have every advantage of modern and practical design and *pleasurable* because you are offered building materials which represent the last word in efficiency and dependability. But, as with every great adventure, there are pitfalls to engulf the unwary traveler. He must effect a proper balance between his desire for those visible evidences of good planning and convenience and those highly important ones which are hidden to the eye. In this latter respect, your architect and builder can steer you clear of the shoals that have wrecked the plans of thousands who were unfortunate enough to be unaware of their presence.





### WILL YOUR HOME LIVE AS LONG AS THE LOAN?

"Yes!" answers Truscon, but long term financing demands long lasting construction. Truscon products of rust and corrosion resisting steel fit into this situation like a hand in a glove. Truscon steel joists, metal lath, and other structural and reinforcing products insure long life and marketable value to any home. Truscon steel casements...available in many styles and sizes...combine beauty, durability, easy operation and economy. These and many more Truscon products of steel safe-guard houses from fire hazards, termites and the other forms of vermin, high maintenance and repair costs, and premature obsolescence. Make this book your unerring guide to building products and building construction that not only successfully defy the ravages of time and the elements, but go far to assure you that your new home will *outlive the loan*.

### TRUSCON—A NAME YOU CAN TRUST!

Of all the names common to the building industry none shines more brightly in the light of national recognition and public acceptance than that of Truscon Steel Company. For over 30 years every factor identified with good building has depended upon Truscon to engineer, manufacture and distribute quality products of steel for every phase of construction.

The wide scope of Truscon steel building products includes many items indicated for home construction. Nowhere else can you obtain such a complete line of steel building products for your new home.

Your architect, contractor, builder and dealer know the value of "products by Truscon". Take their advice and build with the confidence and satisfaction arising out of the knowledge that into your home you have built a solid and substantial backbone of rust and corrosion resisting steel products bearing the time tested and proved name of Truscon.

**ARCHITECTS, BUILDERS AND CONTRACTORS HAVE  
USED TRUSCON PRODUCTS FOR OVER 30 YEARS.**



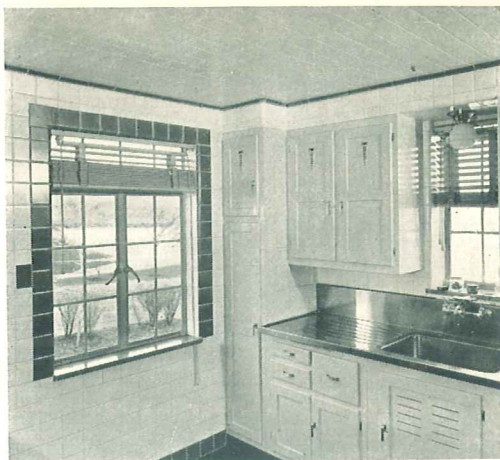


*SERENE BEAUTY*  
FRAMED IN A BEAUTIFUL  
TRUSCON CASEMENT

In Truscon Casements LIGHT, VENTILATION, BEAUTY AND UTILITY are achieved to better advantage - and will join harmoniously with the finest decorative backgrounds.



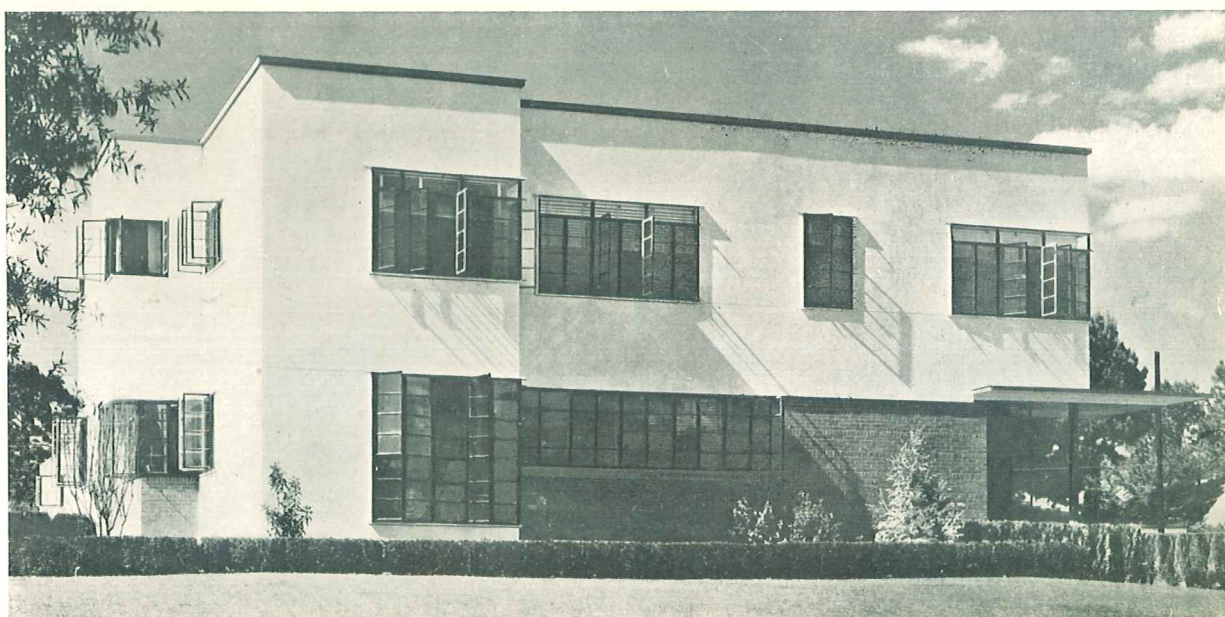
# PLANNING YOUR WINDOWS



**INTERIOR EFFECTS** - Windows either add to or detract from the pleasure of your home. Therefore, in choosing them you assume a serious responsibility. Truscon has taken much of that load off your shoulders by placing at your disposal the most complete line of casement windows available anywhere. Whatever the exterior design of your home, Truscon has a type of window that meets every architectural design and structural requirement. The best rule you can follow is to follow the Truscon guide—just “Specify Truscon”, and let your architect, contractor or builder do the rest.

## DESIGN, ARRANGEMENT AND SIMPLE RULES FOR AVOIDING DISAPPOINTMENTS

To men and women who take more than ordinary pride in their homes, Truscon has a message of more than ordinary importance. Out of the myriad details that confront the home-builder, one stands out in sharpest outline—“to what extent will the windows contribute to the desired interior effect?” Elsewhere in this brochure are discussed the many and varied advantages arising through your choice of “Windows By Truscon” but suffice it to relate here that interior effects are a major concern of Truscon engineers. Clean, crisp design, faultless operation, a minimum of maintenance and the happy faculty of blending well with any scheme of interior decoration are the foremost reasons why thousands of home builders have insisted upon “Casements by Truscon”. All these advantages may be yours. Why not have them?







## THE ADVANTAGES . . . OF TRUSCON CASEMENTS ARE MANY AND VARIED

### MORE AND BETTER LIGHT

The windows in your home either add to or detract from the appearance. Steel Casements, due to their flexibility in design and arrangement, add a welcoming charm that is irresistible. Their wide swinging vents, their many separate glass panels, seem to invite you to stop and see the beauty that lies within. Their slender and graceful lines offer practically no barrier to light. They let the glorious sunshine and great outdoors in. Steel Casements harmonize with all styles of architecture and are rapidly becoming the "eyes" of new homes everywhere.

### MORE USABLE WALL SPACE

Modern room styling has changed many previously favored decorative practices. Relegated to the limbo of a forgotten day is the bulky, unwieldy, unsightly framing around windows. Supplementing it is the neat, inconspicuous treatment now demanded by America's vast army of home-builders. Net result of this is more usable wall space—greater flexibility of wall treatment and increased opportunity for interior decoration.

### EFFICIENT VENTILATION

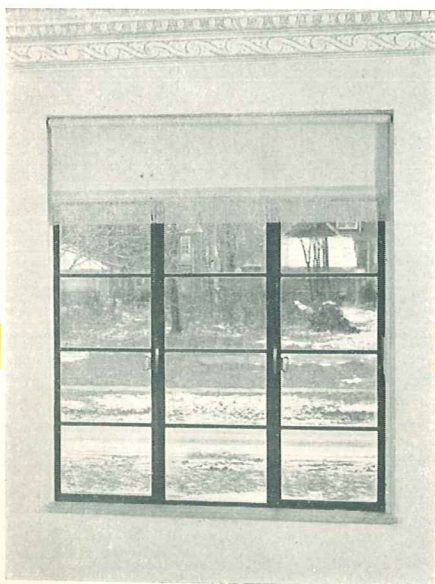
With casement windows, any desired amount of ventilation is at your finger tips. Casements can be adjusted to catch a breeze blowing parallel to the window and deflect it into the room, or they may be swung wide to provide 100% ventilation. Casements are easy to operate; note illustrations at the bottom of page 7. The first illustrates the simplicity of operation with under-screen operators; the second illustrates the operation when side hinged screens are used; the third illustrates the most convenient method of washing the outside glass. All Truscon casements are fully equipped with extension hinges which give sufficient space between the ventilator and frame so that every outside pane can be washed quickly and easily from inside the room. This is of particular advantage when the casements are on the second or third floor of your home.

### IN STEP WITH MODERN TREND

In homes of certain styles of architecture, accentuated horizontal lines are necessary to complete the scheme of harmony and beauty. For designs of this type Truscon casements are furnished with vertical muntins omitted. This feature not only gives larger glass lights but effects considerable savings in glazing costs. Hardware and screens are identical to those of the other casements described herein.

Truscon Casements do not interfere with arrangement of draperies and curtains.

Truscon Casements  
With vertical muntins omitted





THESE beautiful steel casements are immune to the ravages of time and weather. As long as the home lasts they impart that pleasing atmosphere and distinctive touch which have made these windows preferred by home-builders everywhere.

*you will  
want these*  
**ADVANTAGES  
IN YOUR  
NEW HOME**



IN THE greater majority of cases, the expenditure for a new home represents the family's major financial enterprise. Again; the new home is often the most important topic for conversation in those most intimate discussions of the family council for months and even years prior to the time when construction is actually begun.

Truscon caters to every desire of the home-builder—products where visual appeal pleases the most discriminating eye, and include those elements of good construction which even though concealed, provide the background for unlimited decorative possibilities. No longer is it necessary for any prospective home-builder to gamble on the outcome of his building operation. That was taken care of long ago—in the early days of Truscon's existence, when it was determined that the name "Truscon" would never be given to any product that was not the leader in its particular line.

**TRUSCON CASEMENTS ARE EASY TO OPEN AND SHUT**



**AND MAY BE CLEANED FROM THE INSIDE**





## TRUSCON CASEMENTS ARE IDEAL

GONE, and thankfully so, are the days when the parlor (horse-hair sofa and all) was the one room in all the house where extra effort was expended for furnishing and decoration. But such decoration and furnishing! Cold, austere, formal and unfriendly. Today, every room in the house enjoys equal appreciation, with equal thought placed on giving it individual appeal.

Illustrated on this and the opposite page is a home where Truscon casement windows were specified and used *in every room*. Note particularly the beautiful "picture-window" in the living room. The merest glance demonstrates the warmth and yet the utter dignity of this room. It is truly a *living* room.

Note the kitchen, the dining room, the bed room. Each beautified by Truscon casements. In warm weather they may be opened wide to catch every vagrant breeze and divert it into the room. Flies and other insects are barred. The strong and sturdy Truscon screens are installed *on the inside*. They do not interfere with opening or closing the window and may be taken off or replaced in a jiffy. In cold or inclement weather, they may be closed snug and tight. Truscon storm windows add insulation value and prevent excessive condensation and ice film.

Then there is the sun room. A room for the entire family. When desired, it may be thrown completely open—windows opened wide to allow sunlight and ventilation to pour in. The den or library is another important room to be considered. Old books, a pipe, the lazy curl of tobacco smoke and the crackle of a fire on the hearth. And, as a fitting background for whatever your choice of interior decoration might be, the comfortable, ageless design of your casements by *Truscon*.

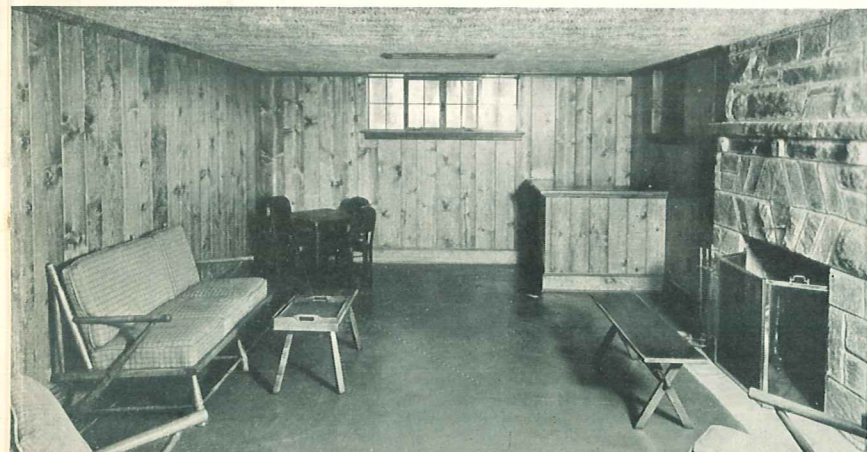
The amusement or recreation room? The place where decorations always reflect a bit of swank? Where the gleam of copper mugs on the rack vies with the sparkle of glass in the cabinet? There's another room where casements by Truscon add importantly to the entire scheme of decoration.

And so it is throughout the home. No room is complete without windows—and a reliable guide to follow is to "*always specify Casements by Truscon*".





FOR EVERY ROOM IN THE HOME . . . . .





# CONVENIENT TRUSCON SCREENS

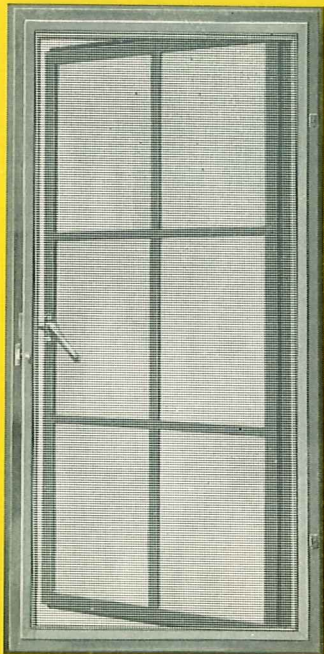
assure easy  
operation of  
casements

TRUSCON Casements are furnished with one of two styles of screens when desired. These screens have been designed especially for use with Truscon Steel Casements and are in complete harmony with their slender and graceful lines.

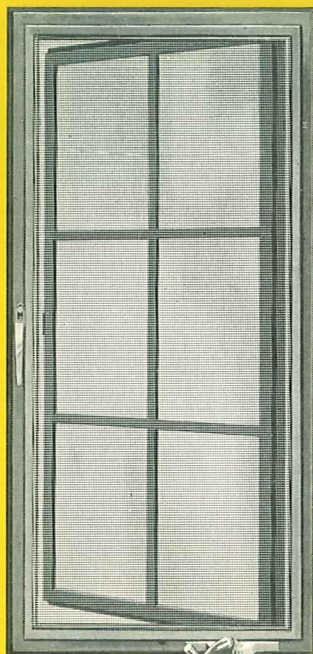
**Side Hinged Screens:** This is a simple and economical screen for casements without underscreen operators. To open or close the window it is first necessary to open the screen. This screen is attached directly to the window and as the casements are shipped with all provisions made for attaching the screen, no carpenter work or special fitting is necessary. The screen frame is of tubular steel. The screen cloth is solid bronze and in case of accidental damage, can be easily replaced.

**Fixed Screens:** The fixed type of screen is for casements equipped with underscreen operators in which case it is not necessary to open the screen to operate the window. This screen is attached to the window with spring latch and clips and is easily removed for washing the window glass or storing. No tools are necessary and the clips remain on the window. Clips and latches are small and inconspicuous and do not mar the appearance of the window. Screen frame is of tubular steel construction. Cloth is solid bronze.

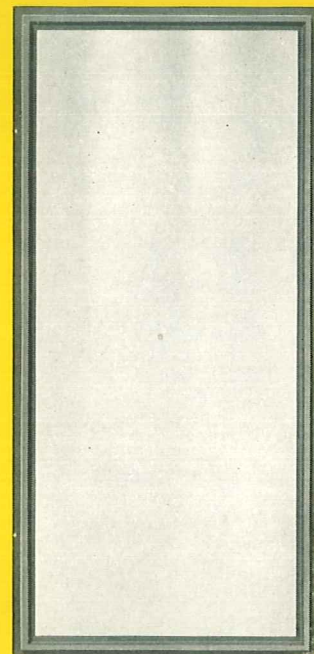
**Storm Windows:** Truscon Storm Windows reduce heat loss through the window approximately one half and thus save fuel during cold weather or reduce power consumption for air conditioning cooling plants during warm weather. Storm Windows are attached to the inside of the casement. They are no more conspicuous than screens and are made in panels for ease in handling and storing. Storm Windows are shipped glazed with Double Strength "A" quality glass and with all necessary attachments. Storm Windows can be used only with Casements equipped with underscreen operator hardware.



Casement  
with Side Hinged Screen



Casement with Fixed Screen  
and Worm Drive Operator



Storm Window  
for Casement



## CASEMENT HARDWARE

### That Reflects the Modern Trend

Hardware for Truscon Casements is artistic and beautiful and is thoroughly practical. It is designed by experts to harmonize with any and all styles of home decorations. Hardware for Truscon Casements is furnished in the following styles:

**Standard Locking Handles:** Used on casements not having underscreen operators. The side hinged screen is used with this casement. Furnished in black lacquer. Also available in solid drop forged bronze, old English finish.

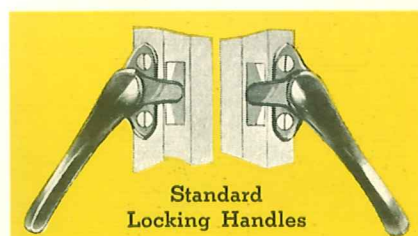
**Screen Type Locking Handles:** Used on Casements having underscreen operators. They lock the window without moving the screen. Furnished in malleable iron, bronze plated. Also available in solid bronze, old English finish and in chromium plated finish.

**Worm Drive Underscreen Operator:** The casement is easily and quickly opened or closed by turning the crank. The worm and gear arrangement holds the window in any desired position. A fixed screen is used with this operator. The operator case is black, the crank is old English bronze finish. Also available in solid bronze, and in chromium plated finish.

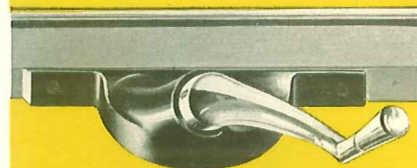
## CASEMENT DOORS

### Add a Definite Note of Beauty and Charm to Any Home . . . . .

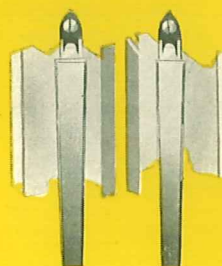
Many pleasing combinations of Truscon Casement Doors with side lights and transoms are available for court or solarium openings or as interior French doors. This type of casement door is not recommended as a main entrance door. Standard hardware includes bronze top and bottom bolts, and mortise lock with bronze handles and thumb turn. This arrangement permits the door to be opened from the inside only. When it is desired to have a door that can be locked by key from either side, cylinders for the mortise lock can be furnished.



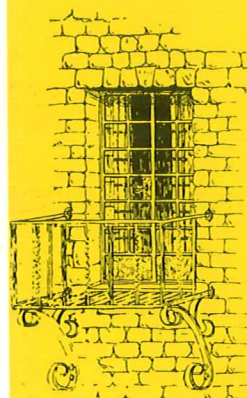
Standard  
Locking Handles



Worm Drive Operator



Screen Type  
Locking Handles

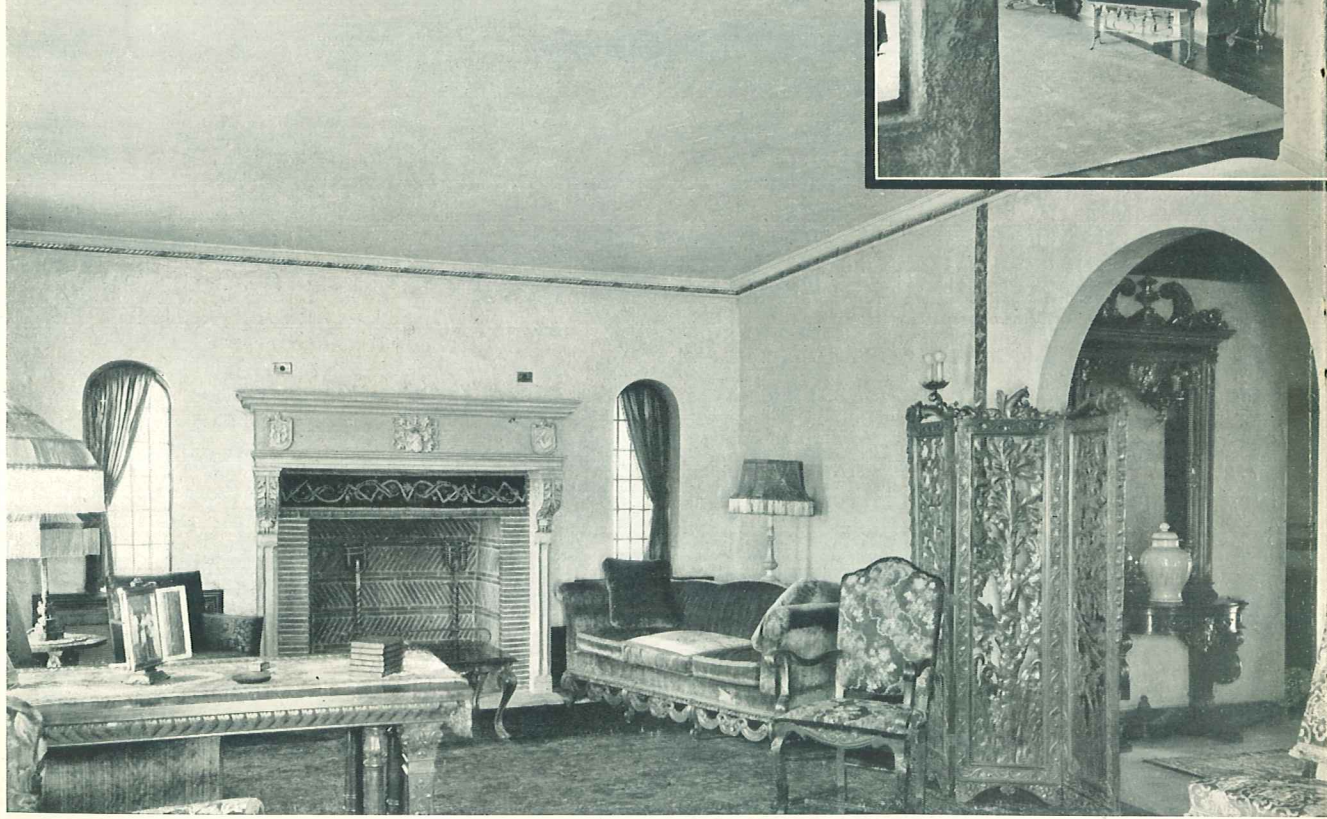


Casement  
Doors





# Behind these Walls . .





# PROTECTION

ONCE upon a time there were a few people who believed that the advantages of metal lath as a base for plaster were available only to those whose building budget recognized no restricting terms. That was long ago. Today, and even though economy is still a factor with the majority of home-builders, metal lath is being specified and used in homes costing \$4000.00 and up.

The question naturally arises "Why use metal lath"? Simply this: your money is to be invested in plaster which will be plain or decorative, as you prefer. Why invest money in this type of wall decoration if in a matter of only a short time ugly cracks appear to mar the surface? Metal lath provides plaster with a "backbone of steel". This offers great resistance to these unsightly cracks and protects the beautiful plastered walls of your home.

About 90% of residence fires originate within the house. Such fires frequently occur at night when you and your loved ones are unconscious of the grave danger. Overheated furnaces, hot ashes, defective wiring . . . these are the greatest menaces. With metal lath and plaster construction you erect a barrier of protection between you and the fire demon. It's well worth your consideration *today*.

Highest authorities in the fire-prevention field have accorded metal lath and plaster the full one hour protection rating. This means that walls and ceilings of metal lath and plaster used on ordinary construction, have permanent built-in fire protection to safeguard life and property.

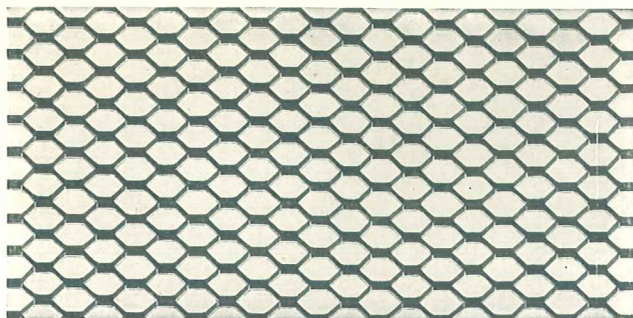


Plaster is Quickly and Easily applied

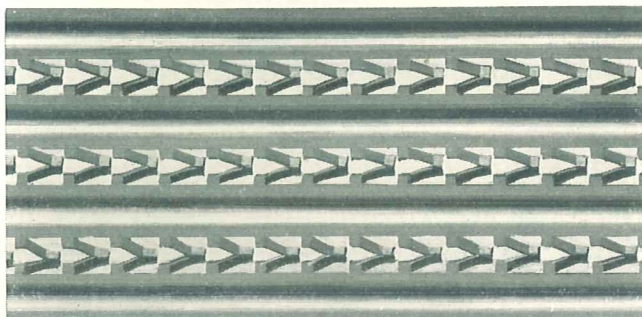


Plaster penetrates open mesh of Lath and forms a permanent "Key"

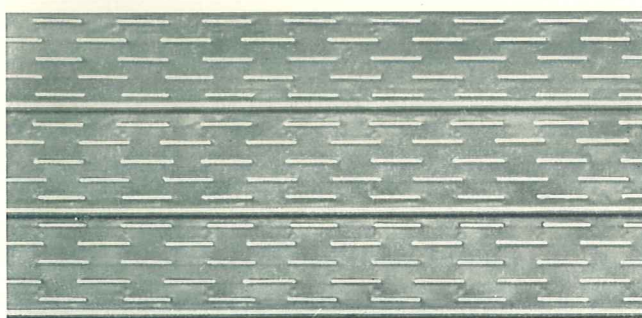




SMALL MESH DIAMOND LATH



"A" METAL LATH



METAL PLASTERBORD

TRUSCON manufactures a type of metal lath for every conceivable plastering job. One particular type of lath will not meet efficiently every condition demanded in modern residence construction. Years ago, Truscon investigated these many demands and developed individual types and designs to meet every plastering demand.

**INTERIOR WALLS AND CEILINGS:**

Herringbone Doublemesh; "A" Metal Lath; Insulmesh; Plasterbord and Diamond laths: each of these types has its own particular economies and its own use, depending upon the type of construction.

**FOR STEEL JOIST FLOORS:**

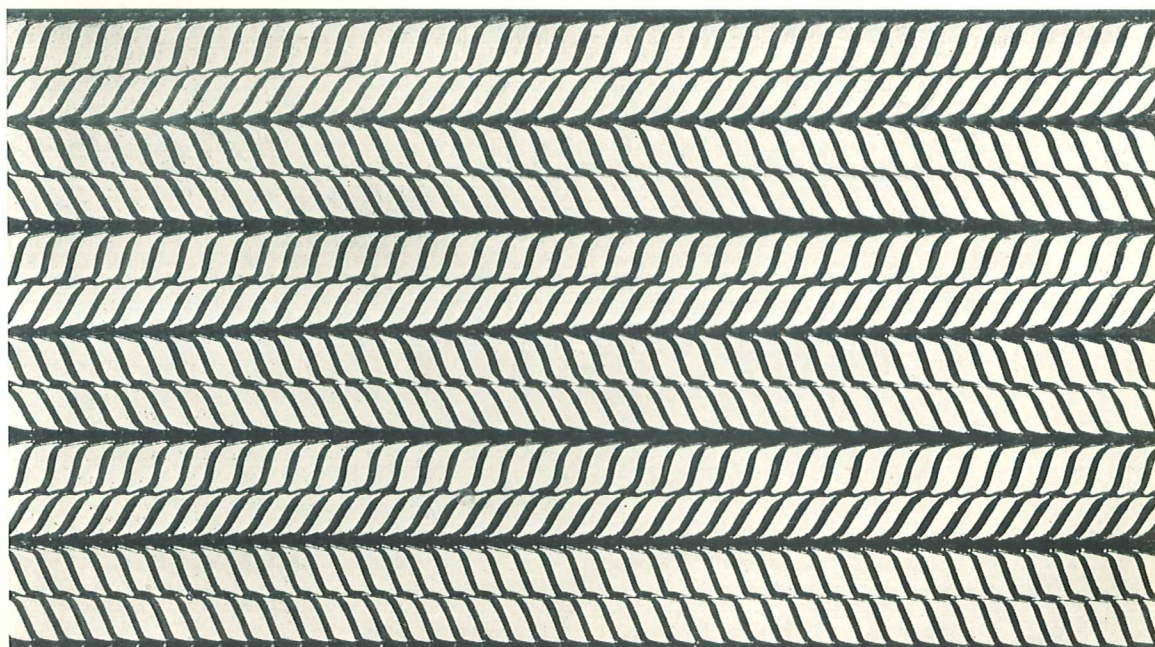
$\frac{3}{8}$ " Diamond Rib Lath and  $\frac{3}{4}$ " Hy-Rib: these laths are recommended as a base for plaster under steel joists and as a reinforcement for concrete slabs over steel joists.

**FOR OUTSIDE STUCCO WALLS:**

Stucco Steel and  $\frac{3}{8}$ " Diamond Rib Lath: Stucco Steel for use over sheathing, a special type of nail is used which acts as a furring device and securely locks the lath to the sheathing. Where steel channel construction is used for exterior walls,  $\frac{3}{8}$ " Diamond Rib Lath is especially recommended for either concrete or stucco.

**CONCRETE WALLS AND PARTITIONS:**

Trussit and Self-Sentering: Trussit is a specialized product designed especially for the purpose of reinforcing concrete. Self-Sentering serves as a combined steel lath and studding for walls and partitions.



HERRINGBONE DOUBLEMESH



# USE TRUSCON METAL LATHS



Will your plaster walls and ceilings live as long as the house? Be sure to ask yourself that question before building. And remember that walls form approximately 80% of the visible surface of your home. They are the background for beautiful furnishings, draperies and pictures. Give walls the ability to protect the beauty of your home. Use a Truscon metal lath as the base for plaster. Give walls and ceilings a "backbone of steel".

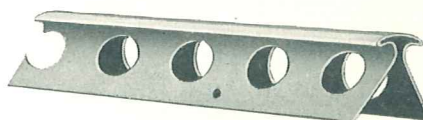
Samples of metal lath that have been in walls for over twenty-five years, during which time they have been exposed to salt air, have proved to be in as good condition as they were on the day they were installed. Earthquakes and devastating fires have shown that metal lath stands up where other bases have failed. As for adaptability it is the only material which can be formed economically to make arches, coves, plaster fireplaces and curved walls.

## CORNER BEADS

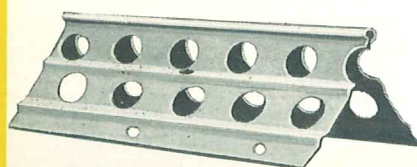
Corner beads of various sizes and styles are used on outside corners of all metal lath construction to protect against cracks by distributing strains over a greater area. In addition to corner beads, Truscon "Cornerite" is used to reinforce all inside corners. Other accessories to metal lath construction include steel base screeds and picture molding.



RIB STEEL CORNER BEAD



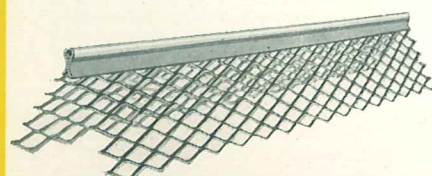
BULL NOSE CORNER BEAD



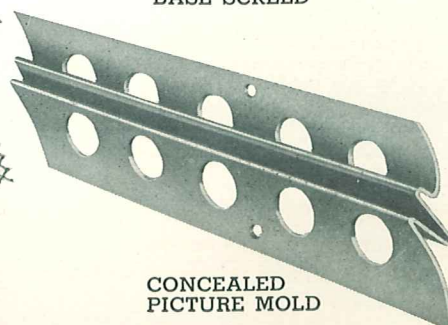
WIDE FLANGE CORNER BEAD



BASE SCREED



EXPANDED CORNER BEAD



CONCEALED  
PICTURE MOLD



# MAKE YOUR HOME A SAFER PLACE TO LIVE IN . . .

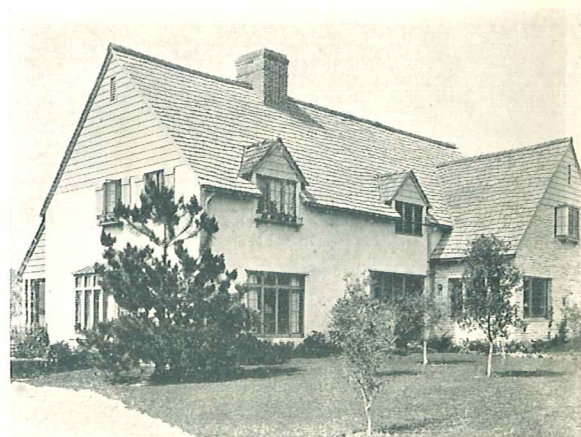
Truscon Open Truss Steel Joists used throughout this 35 story skyscraper. The same advantages of fire-safety, permanence and strength are now available for every new home



THE GRANT BUILDING, PITTSBURGH, PA.

You accept, as a matter of course, the fact that the schools your children attend are of fire-proof construction. You depend upon fire-proof hotels, office buildings and shops for safeguarding your person and your valuables. Will you provide such protection for the loved ones in your home?

Truscon Open Truss Steel Joists have been used for years in buildings where the architects have made careful studies of efficiencies and costs and where fire-proof construction was required. Although developed originally for these larger sized buildings, steel joists offer so many advantages for residential work, including simplicity and economy, that they are preferred even for moderately priced homes.





## CONSIDER THESE BASIC ADVANTAGES OF TRUSCON STEEL JOIST FLOOR SYSTEM

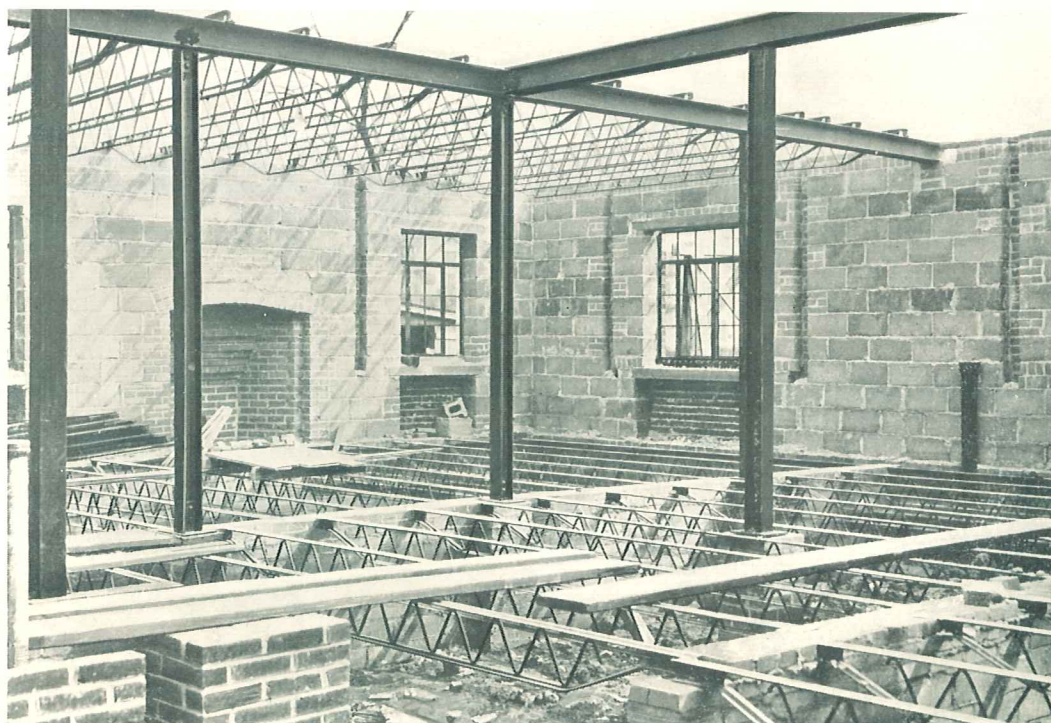
**Fire Safety:** The frequent occurrence of fire at the first floor line of homes directs attention to this as one of the fundamental points where fire safety in construction can be expected to avert many losses. It is most natural that for complete fire safety a combination of steel and concrete suggests itself as the best solution. This is exactly what is obtained in steel joist construction and is accomplished without losing any of the home-like appearance of wood finished floors. After the steel joists have been properly placed, metal lath attached, and before pouring the concrete, wood nailing strips are attached to the joists so that, after concrete is poured, the finished floor of wood is nailed quickly and easily to these strips.

**Greater Strength:** Manufactured from steel with top and bottom of wide tee shaped members, and these members connected by a Warren truss and securely welded, Truscon Open Truss Joists give you the strongest support for your floors.

**Vermin Proof:** Termites and other vermin are the scourge of building. Feared and dreaded by today's builders, every precaution to guard against their onslaught is being taken. Termites work unseen and unheard. The first intimation you have of their occupancy is a weak and crumbling wood floor. Protect the structural members of your home against this premature obsolescence. Use the certain safeguard—steel.

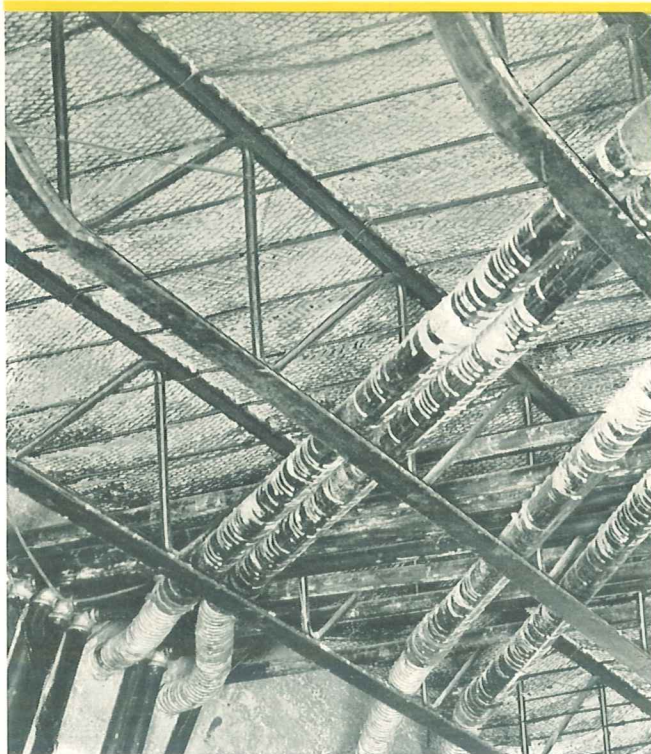
**Sag-Proof Floors:** Joists of steel are practically free from expansion and contraction due to climatic changes. Floors remain level, rigid and secure with this type of construction. Sags, squeaks, or openings are unknown in the homes where Truscon Open Truss Joists are found.

**Soundproofness:** The extreme rigidity of steel joist construction prevents vibration of the entire floor as a unit. Dead air space between the joists, provides maximum soundproofness.



Typical Residence Construction with Truscon Open Truss Steel Joists and Truscon Steel Casements



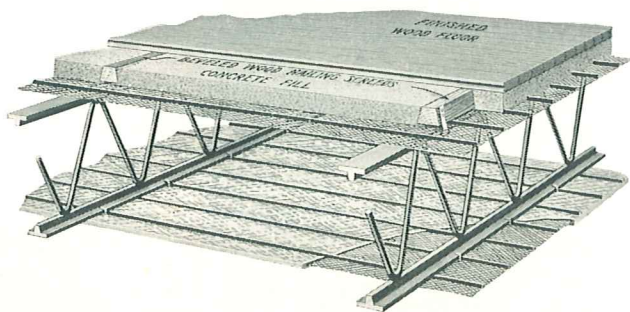


## PROVIDES SAVINGS IN MANY WAYS

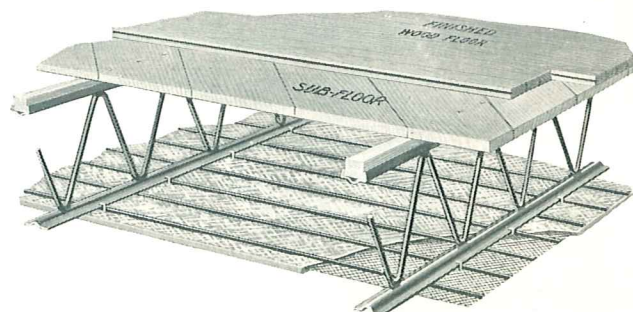
Truscon Open Truss Steel Joists provide another feature which means additional savings in final construction costs. The open webs of Truscon joists provide sufficient space for the installation of all water and soil pipes and electrical conduit in any desired direction. This results in lowered costs on the plumbing, electrical and plastering work and in addition provides for more headroom and a neater basement ceiling.

## PROMOTES GREATER BUILDING ECONOMIES

There are many advantages to be derived from the inclusion of Truscon Open Truss Steel Joists in the specifications for your new home. A very important one is *economy*. The cost of the joists is but slightly more than for wood. Faster installation and no waste material more than offset the additional investment. Add to this a sense of greater security and protection, squeak and sag proof floors, permanent construction, no repair bills and you have a home that years from now will still be as secure and comfortable as the day it was completed.



Open Truss Steel Joist Construction



Open Truss Nailer Joist Construction



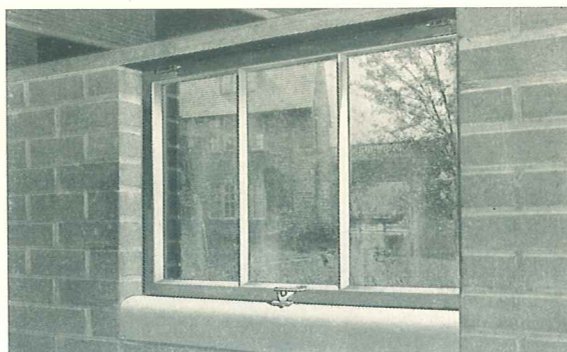


## THE TRUSCON UTILITY STEEL WINDOW

In today's home yesterday's basement is an almost forgotten unit of space. Formerly dark and forbidding, it is now light and cheerful. Instead of clutter and disorder there is now attractiveness and utility of space. Playroom, recreation room, laundry or furnace room, each is given equal thought and planning. Such places require sufficient light and ventilation, and Truscon manufactures a window that is ideal for the purpose. It is the Truscon Utility Steel Window. Because of its narrow steel members, light area is maximum and the outward projecting ventilator allows adequate ventilation without interference with curtains, draperies or screening. The ventilator when open, forms a canopy permitting ventilation even during rainy weather. A sliding friction shoe holds the ventilator in any open position without the inconvenience of chains or peg stops. The outside of the glass may be washed easily from inside the building. This type of window is also highly recommended for use where maximum daylight and ventilation are desirable.



# *Double the Daylight* IN YOUR BASEMENT WITH TRUSCON STEEL BASEMENT WINDOWS



Few people realize the considerable expense involved in excavating and building a basement. Yet until the present day, it has been the least used part of the home. With present day efficiency in building and improvements in construction the basement has been transformed into an essential and active part of the home.

Truscon Steel Basement Windows practically double the daylight in basements. The strong steel frame and slender muntin bars obstruct the very minimum of daylight and turn the basement into a bright and cheerful room which can be subdivided into play room, laundry, den, shop, etc.

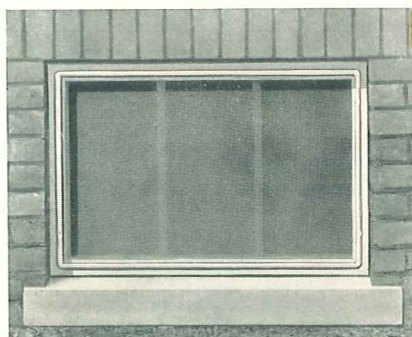
Truscon Steel Basement Windows come in four standard sizes; never stick, leak or need repairs. They are either top or bottom hinged as desired.



Concrete Block

## EASILY INSTALLED AND GLAZED

Truscon Steel Basement Windows are always neat and trim looking. They are so constructed that they can be easily installed in any type of foundation—brick, stone or concrete. Glazing is accomplished in the ordinary way. Steel window putty is recommended as ordinary putty will not adhere satisfactorily to steel. Putty also provides proper weathering and eliminates rattling.



Easily and Economically Screened

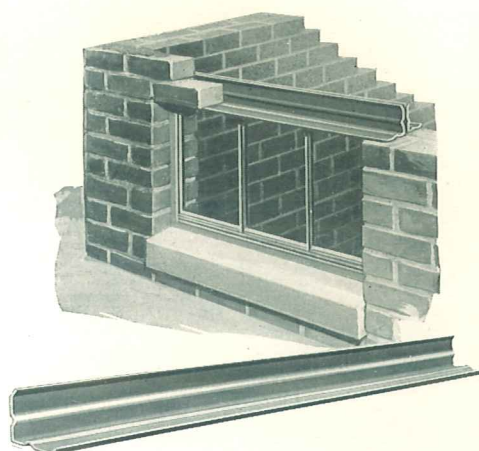
## ECONOMICALLY SCREENED

Screening is simple. Four holes are provided in the face of each basement window frame for bolting the screen frame securely in place. If desired, standard steel frames with bronze cloth screen are furnished with the basement window at small additional cost. In case of accidental damage to the screen cloth it can be easily replaced.



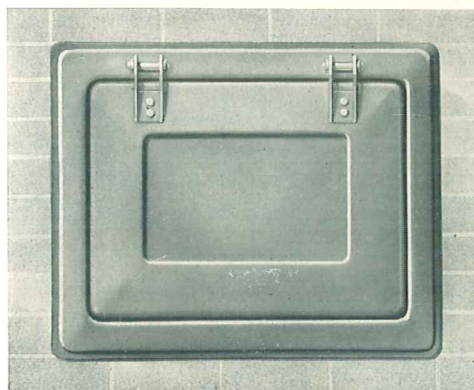
### FORMED STEEL LINTELS

In brick veneer walls or solid walls, over steel doors and windows, in plain openings and flat archways or with ordinary wood windows and doors, Truscon Formed Steel Lintels are economical and offer great strength. The horizontal ribs and turned edges provide a proper bed for the brick and mortar. They are furnished in standard sizes for openings from 1'-4" to 6'-4".



### STEEL COAL CHUTES

Truscon's Steel Coal Chutes are strong, serviceable and economical. They are made entirely of heavy, rust-resisting, copper-bearing, pressed steel and are break-proof and weatherproof. They are a positive barrier against prowlers. Their neat, trim appearance adds considerably to the attractiveness of the exterior of the home and the sturdy door which closes into a deep recess in the frame excludes drafts, rain or snow.

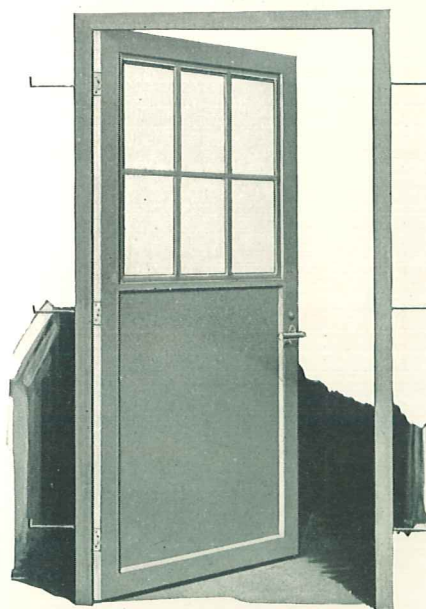


### SERVICE STEEL DOORS

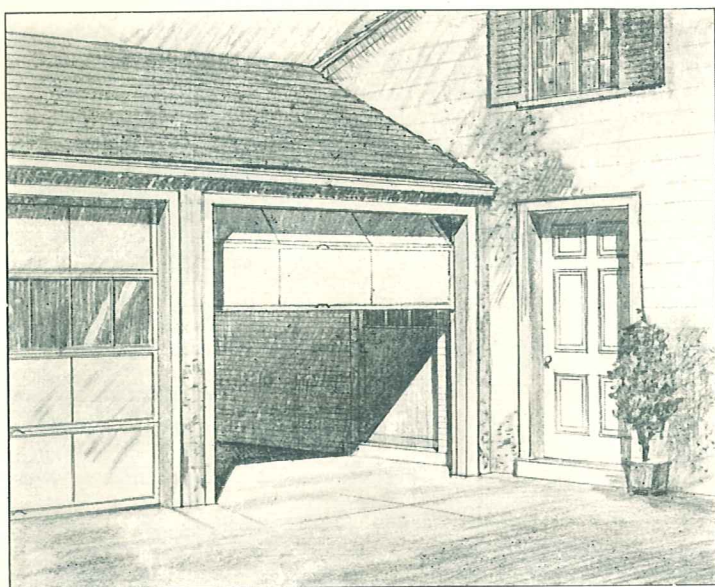
Truscon Service Steel Doors are well adapted for hard and constant usage in the basement or as an auxiliary garage entrance door. Manufactured from steel, they are permanent, will not sag or warp and are fire-resistant.

These doors are available with sash lights at the top, as illustrated, or with solid steel panels. The doors can be supplied to swing on hinges or slide on an overhead trolley.

The satisfactory performance of these functions, which are expected of a utility door under ideal operating conditions, is the standard of service consistently rendered by Truscon doors under extreme as well as ordinary circumstances.

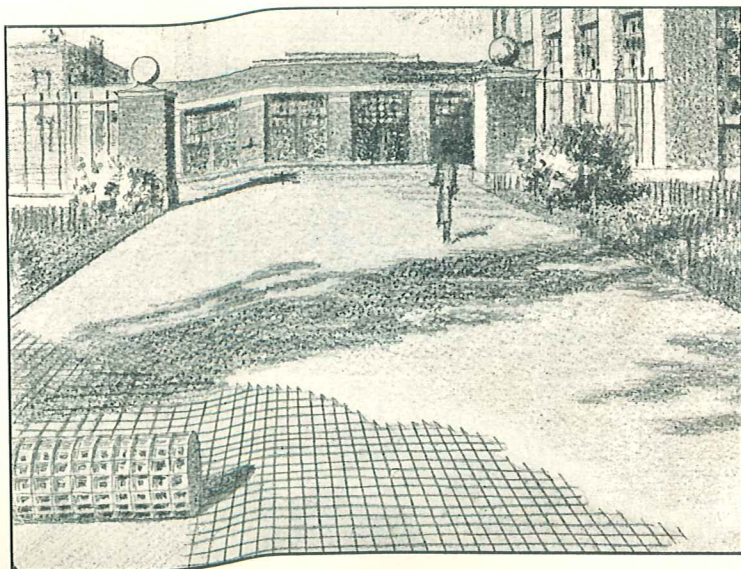






## ENJOY THE CONVENIENCE OF THE FIRE-PROOF SPACE-SAVING ■ ■ TRUSCON STEEL OVERDOOR

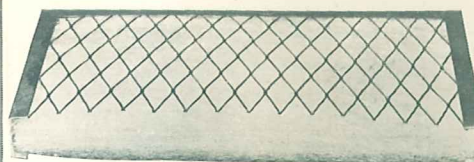
Your garage should be of the same high standard of construction as your home; neat, efficient, permanent and fire-safe. The entrance door for your car is the most frequently used and consequently should be of strong and durable construction. The Truscon Steel Overdoor for garages is the answer to this problem. Manufactured from steel, it will not absorb water and thus change weight. Therefore, more perfect balancing is provided and easier operation is assured. Steel overdoors give economy of space, protection from the elements and will not stick or sag and are fire-resistant. All parts used in the construction of this door are of the highest quality, giving you years of smooth, gliding, effortless service.



## THE MODERN STEEL REINFORCED CONCRETE DRIVEWAY AND GARAGE FLOOR

The floor of your garage and driveway should be of concrete construction. It is your aim to have a floor and driveway that will not be in need of constant repair. Reinforcing steel bars and welded steel fabric, properly installed before pouring the concrete, will strengthen concrete construction and guard against premature obsolescence and costly repairs.





Filter before installing in  
Silentaire Unit



Filter removed after four months  
service. Note large amount of  
dirt and other impurities filtered  
from the air.

## SILENTAIRE

To most men and women home is a sanctuary into which goes the best that they can provide. And where is clean, wholesome, fresh air and restful quiet more important than in the home? Every member of the family thrives in such an environment. Through Silentaire, furnishings are protected from dust—bedrooms are filled with draftless, fresh air all night long, street noises are shut out from all rooms, giving them an atmosphere of soothing quiet. Silentaire does not interfere with draperies as it extends only four inches into the room. At a very moderate price it makes fresh air without draft, quiet and cleanliness easy acquisitions. Long-life filters give double assurance of exceptionally pure air always.

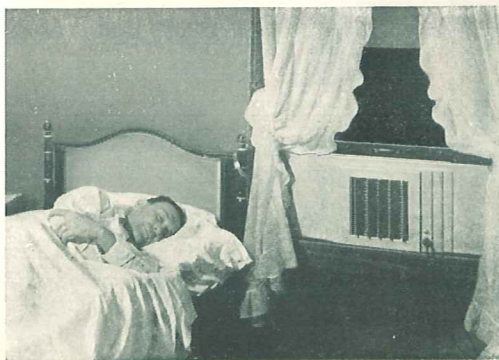
### IN YOUR OFFICE

It's 9:00 A. M. Another business day has begun. Below you on the street, is a veritable babel of noise. But in your office there is quiet, proper ventilation, air circulating freely, and a conspicuous absence of dirt and dust. There is no "mid-afternoon lag". You work on and when finally you call it a day you are still fresh and full of energy for whatever the evening may hold in store. Thank Silentaire for that—it has stood between you and those agencies that would impair your efficiency and endanger your health.



### IN YOUR HOME

The cares of the day are behind you. It's bed time and your tired body proclaims the need for rest. Throughout the busy day you have been shielded from the noise, dirt and clangor of commerce. The Silentaire in your office window took care of that. Your bedroom is quiet, well ventilated. The dust, dirt and pollen that would have entered your open window are held mercilessly in the tenacious grasp of the filters in your Silentaire. And you sleep the night through....to awake refreshed, invigorated and prepared for the beginning of another business day.





## TRUSCON OFFERS

fullest cooperation and will send you any one or all of the following individual product catalogs:

TRUSCON RESIDENCE CASEMENTS

TRUSCON METAL LATH PRODUCTS

TRUSCON "OPEN-TRUSS" STEEL JOISTS

TRUSCON BASEMENT WINDOWS

TRUSCON "SILENTAIRE"

Each of these profusely illustrated catalogs contains complete details.

You may refer them to your  
ARCHITECT — CONTRACTOR — BUILDER

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Youngstown, Ohio

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appointment: Morning ☐ Afternoon ☐ Evening ☐

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YOUNGSTOWN, OHIO



